

Meisam Najjarzadeh

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SOFT SKILLS

Project Management, Project Coordination, Communications skills and Customer focus, Analytical thinking and Problem solving, Willingness to learn.

HARD SKILLS

Telecommunications System Design [Oil & Gas], Subsea and Terrestrial Fiber Optic Cable Network Deployment and Maintenance.

Education

Ph.D. (Electrical Engineering), Shahed University.

M.Sc. (Electrical Engineering), Elmosanat University.

B.Sc. (Electrical Engineering), K. N. Toosi University.

Languages

English: Advanced

French: Intermediate

German: Basic

Persian: Mother's tongue

Work Experiences

2022-2024

Rahbord Energy Design and Development Co.

Head of Telecommunications Discipline

- Designed Oil and Gas Telecommunication Systems including Telephony, PA/GA, CCTV, ACS, LAN/WAN, Wireless PTP/PTMP, Radio RF, Fiber Optic and SCADA.
- Prepared, Checked, Approved, Authorized Basic, Pre-FEED and FEED Telecom Engineering Documents including Design Criteria, Specifications, Datasheets, Block Diagrams, Layouts, Cable Route and Schedule, Material Takeoff Sheets, Material Requisitions.

- Performed Telecom System Calculations including Fiber Optic and Radio Link Budgets, Sound Coverage Study for PA, Bandwidth and Coverage Study for CCTV.
- Participated interface meetings (KOM, PIM, FAT, SAT) with Clients and Vendors to progress design scopes.
- Reviewed Telecom System Vendors offers, prepare Vendor technical clarifications and produce Technical Bid Evaluation reports.

2005- 2022

Mersa Offshore

Senior Telecommunications Engineer

- Designed and Installed offshore telecommunication systems including subsea fiber optic cable network, SDH/DWDM, CCTV, AIS, Microwave radio.
- Designed and Installed South Pars Integrated Fiber Optic Network- 20/21 Phases (SPIFON).
- Fiber Optic Cable Jointing (Subsea and Terrestrial).
- Participated continuously in technical-financial meetings of telecommunication projects to negotiate and convince clients.

ACHIEVEMENTS

- Delivery of about 500 Telecom engineering documents-25% improvement in generation rate, 30% improvement in quality.
- Delivery of about 250KM subsea FOC in Persian Gulf to the clients- 25% improvement in delivery time.

ELECTRICAL ENGINEERING SOFTWARE

- AutoCAD, CADNA A, iBWave and Pathloss.

TRAININGS

- Wireless Communications
- PMBOK
- IOT Summer School, Amirkabir University, IOT Forum of Iran
- Network+